

## Data Sheets - Union Ended Expansion Joints – Type AU6

This range of small bore axial expansion joints are specifically designed to absorb the thermal expansion that occurs in hot water and perimeter heating circuits.

Constructed from 316 stainless steel bellows core with malleable iron BSP female union ends which can be quickly and easily screwed into the pipework.

Each AU6 is supplied factory set to allow for the full 25mm of axial compression eliminating the need for cold pull on site.

As an alternative to our standard construction, these AU6's can also be made specifically to suit your needs. They can be manufactured to alternative lengths and to suit alternative movements. Please contact our sales for more information.



### Standard construction

- Membrane: 316 stainless steel
- Malleable Iron BSP Female Union Ends

### Working conditions

- Design Pressure: 6 Bar
- Design Temperature: 110°C
- Cold Test Pressure: 9 Bar

Codes	Nominal Bore		Overall Length mm	Axial Movement Compression
	“	mm		
AU6-15	½"	15	150	25
AU6-20	¾"	20	160	25
AU6-25	1"	25	175	25
AU6-32	1¼"	32	180	25
AU6-40	1½"	40	190	25
AU6-50	2"	50	210	25

Union Ended Expansion Joints must be securely anchored & adequately guided to ensure their correct performance. Omitting anchors & guides may result in failure of the system. All Quick-Steel Ltd products should be installed in accordance with our fitting instructions.